Application Number	Application/Co	·	Applicant(s)/Patent under Reexamination XIE, FEI				
Document Code - DISQ	Internal Document – DO NOT MAIL						
TERMINAL DISCLAIMER	☑ APPROVED		□ DISAPP	☐ DISAPPROVED			
Date Filed : January 30, 2007	to a Te	t is subject erminal aimer					
Approved/Disapproved by:							
Henry D. Jefferson							

U.S. Patent and Trademark Office

T.D. INFORMAL MEMO: DO NOT MAIL THIS MEMO TO APPLICANT

Date:			12-Feb-07	APPL. S. N:	10651663					
To Exami	iner:		PAN, YUWEN	Art Unit	2618					
From			Gunter-Riley, Joyce PARALEGAL SPCECIALIST	Return This Memo To: Case Drop-Off Location	JEF-2D68					
SUBJECT: Decision on Terminal Disclaimer(T.D.) filed:										
form para or have a	agraphs i ny quest	dentified by th ions, please se	is informal memo in your next (se me or the Special Program Ex	sults as set forth below. If you ag Office action to notify applicant of caminer. THIS IS AN INFORMAL, I RECORD IN THE APPLICATION FII	the T.D. If you disagree NTERNAL MEMO ONLY.					
please initial, date and return this memo to me. THANK YOU.										
Y	The T.D. is PROPER and has been recorded (see 14.23).									
	The T.D.	e T.D. is NOT PROPER and has not been accepted for the reason(s) checked below (see 14.24):								
		The TD fee of use of a depo	• • • • • • • • • • • • • • • • • • • •	ed nor is there any authorization i	n the application file for the					
		The T.D. does not satisfy Rule 321 in that the person who has signed the T.D. has not stated the extent of his/her interest (and/or the extent of the interest of the business entity represented by the signature) in the application/patent (see 14.26 & 14.26.01).								
			The T.D. lacks the enforceable only during common ownership clause – needed to overcome a non-statutory louble patenting rejection, Rule 321(b) (see 14.27.01).							
		The T.D. is directed to a particular claim(s), which is not acceptable since "the disclaimer must be for a terminal portion of the term of the entire patent to be granted" (MPEP 1490) (see 14.26 & 14.26.02).								
	:	The person who signed the T.D.:								
		is not an attorney "of record" (see 14.29 and 14.29.01).								
		has failed to state his/her capacity to sign for the business entity (see 14.28).								
		is no	ot recognized as an officer of the	e assignee (see 14.29 & possible 1	4.29.02).					
		nor is the ree (see 37 CFR 3	l and frame number specified as 3.73(b) and 1140 O.G. 72). NOT	rom the original inventor(s) to ass to where such evidence is record E: This documentary evidence or a separate paper of record in the	ed in the Office the specifying of the reel and					
	1	The T.D. is no	ot signed (see 14.26 & 14.26.03).						
		The serial number of the application (or the number of the patent) which forms the basis for the double patenting rejection is missing or incorrect (see 14.32).								
		The serial number of this application (or the number of the patent in reexam or reissue cases being disclaimed is missing or incorrect (see 14.26, 14.27.02 or 14.26.05).								
		The period disclaimed is incorrect or not specified (see 14.26, 14.27.02 or 14.26.03).								
	<u> </u>	Other:			<u>.</u>					
	Γ.	= :		OTE: If already authorized, credit i	refund to deposit account					
I have appropriately notified applicant(s) of the status of the Terminal Disclaimer filed in this case.										
Ex.Initials	5:	Date	2:		Log Date:					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE Attorney Docket No. 17405US03 (BU 2454 D2)

In the Application of: **CERTIFICATE MAILING** Fei Xie I hereby certify that the attached paper is Serial No.: 10/651,663 being deposited with the United States Postal Service as first class mail with sufficient postage Filed: August 29, 2003 to addressee: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, METHOD OF RECORDING VOICE For: Alexandria, VA 22313-1450 on January 25, SIGNALS IN A MOBILE SET 2007. Examiner: Yuwen Pan Group Art Unit: 2618 Reg. No. 59,918 Conf. No.: 9326 Customer No.: 23446

TERMINAL DISCLAIMER UNDER 37 C.F.R. 1.321(c)

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Interest of Entity Making This Disclaimer

Broadcom Corporation is the assignee of the entire interest in this application and in U.S.

Patent No. 7,136,630 filed December 22, 2000 and issuing November 14, 2006.

Disclaimer

Broadcom Corporation hereby disclaims the terminal part of any patent granted on the above-identified application, which would extend beyond the expiration date of U.S. Patent No.

01/30/2007 HVUONG1 00000027 130017 10651663 01 FC:1814 130.00 DA 7,136,630, and hereby agrees that any patent so granted on the above-identified application shall be enforceable only during such period that said patent is commonly owned with U. S. Patent No. 7,136,630, this agreement to run with any patent granted on the above-identified application and to

be binding upon the grantee and its successors or assigns.

It is to be understood from the foregoing language that Broadcom Corporation does not disclaim any terminal part of any patent granted on the above-identified application prior to the expiration date of said U.S. Patent No. 7,136,630, even if the effective life of said U.S. Patent No. 7,136,630 is shortened by any event, subsequent or otherwise (such as, for example, failure to pay a maintenance fee, a court or Patent Office ruling, or a disclaimer by the Patentee).

Fee Status (37 C.F.R. 1.20(d))

Please charge any fees to the deposit account of McAndrews, Held & Malloy, Ltd., Account No. 13-0017.

EVIDENTIARY STATEMENT

The evidentiary documents accompanying or referred to in the Terminal Disclaimer have been reviewed by the undersigned and it is certified that to the best of the assignee's knowledge and belief, title is in the assignee seeking to take action.

Date: <u>January 25, 2007</u>

Philip Henry Sheridan Reg. No. 59,918

Agent for Applicant

McAndrews, Held & Malloy, Ltd. 500 West Madison Street 34th Floor Chicago, Illinois 60661 (312) 775-8000

PTO/\$8/17 (07-06)

(312)775-8000

January 25, 2007

Approved for use through 1/31/2007. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known Effective on 12/08/2004 10/651,663 Respurspant to the consolidated Appropriates Act. 2005 (H.R. 4818). **Application Number** RANSMITTAL August 29, 2003 Filing Date First Named Inventor Fei Xie for FY 2006 Yuwen Pan **Examiner Name** Claims small entity status. See 37 CFR 1.27 2618 Art Unit TO THE PAYMENT 17405US03 130.00 Attorney Docket No. METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order None Other (please identify): Deposit Account Deposit Account Number: 13-0017 Deposit Account Name: McAndrews Held & Malloy For the above-identified deposit account, the Director is hereby authorized to (check all that apply) Charge Fee(s) indicated below, except for the filing fee Charge Fee(s) indicated below Charge any additional fee(s) or underpayments of fees(s) Credit any overpayments under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.) 1. BASIC FILING, SEARCH, AND EXAMINATION FEES **EXAMINATION FEES FILING FEES** SEARCH FEES Small Entity Small Entity Small Entity Fees Paid(\$) Fee(\$) Fee(\$) Fee (\$) Application Type Fee(\$) Fee(\$) Fee(\$) 250 200 100 150 500 300 Utility 65 50 130 200 100 100 Design 150 160 80 200 100 300 Plant 300 250 600 300 150 500 Reissue 100 0 0 0 0 200 Provisional **Small Entity** 2. EXCESS CLAIM FEES Fee Description <u>Fee(\$)</u> Fee(\$) 50 25 Each claim over 20 (including Reissues) 200 100 Each independent claim over 3 (including Reissues) 360 180 Multiple dependent claims Multiple Dependent Claims Fee Paid (\$) Fee(\$) Total Claims Extra Claims Fee Paid (\$) -20 or HP X <u>Fee</u> HP = highest number of total claims paid for, if greater than 20 Indep. Claims Extra Claims Fee(\$) Fee Paid (\$) -3 or HP HP = highest number of independent claims paid for, if greater than 3 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Number of each additional 50 or fraction thereof Fee Paid(\$) Fee(\$) **Total Sheets** Extra Sheets (round up to a whole number) 4. OTHER FEE(S) Fee Paid(\$) Non-English Specification, \$130 fee (no small entity discount) Other (e.g., late filing surcharge): Terminal Disclaimer Under 37 C.F.R. 1.321(c) \$130.00 SUBMITTED BY

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

Name (print/type)

Philip Henry Sheridan

Registration No.

(Attorney/Agent)

59,918

Telephone

Date

Box 1450, Alexandra, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.